



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/580,860	06/20/2007	Rainer Daude	095309.57736US	8825
23911	7590	09/09/2010	EXAMINER	
CROWELL & MORING LLP INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300			CHOW, YUK	
			ART UNIT	PAPER NUMBER
			2629	
			MAIL DATE	DELIVERY MODE
			09/09/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/580,860	DAUDE ET AL.	
	Examiner	Art Unit	
	YUK CHOW	2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on ____.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 17-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) Claim(s) ____ is/are allowed.
- 6) Claim(s) 17-36 is/are rejected.
- 7) Claim(s) ____ is/are objected to.
- 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on ____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. ____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. ____ .
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date <u>05/26/2006</u>	6) <input type="checkbox"/> Other: ____ .

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 27-30 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 27 depends on a canceled claim.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 17-36 are rejected under 35 U.S.C. 102(b) as being anticipated by Pala et al. (US 2001/0022553).

As to **claim 17**, Pala discloses an optical display system for a vehicle, comprising:

at least one first display unit (Fig. 1(24b)) and at least one second display unit (Fig. 1(76)), with information for display being allocated to the at least one first display unit and to the at least one second display unit (Fig. 2(84) switching the video signals),

wherein switching from the at least one first display unit to the at least one second display unit, or from the at least one second display unit to the at least one first display unit, occurs as a function of a determined current driving situation, in order to display the information (see [0026], the video switcher 84 receives...a gear input signal..., gear input is a current driving situation).

As to **claim 18**, Pala discloses the optical display system as claimed in claim 17, wherein, after switching from the first display unit to the second display unit, corresponding information is masked out on the first display unit, and after switching from the second display unit to the first display unit, the corresponding information is masked out on the second display unit (see [0026], switcher 84 selectively routes video signals to the display 24 and display 76).

As to **claim 19**, Pala discloses the optical display system as claimed in claim 17, further comprising an evaluation and control unit (Fig. 2(84)), which determines the current driving situation by evaluation of data from at least one vehicle subsystem (Fig. 2(90)).

As to **claim 20**, Pala discloses the optical display system as claimed in claim 17, wherein the at least one first display unit is arranged outside the central field of view of the driver (Fig. 1(24b) is not in the view of the driver).

As to **claim 21**, Pala discloses the optical display system as claimed in claim 17, wherein the at least one second display unit is arranged within the central field of view of the driver (Fig. 1(76) is installed in the instrument panel).

As to **claim 22**, Pala discloses the optical display system as claimed in claim 17, wherein information from at least one vehicle subsystem (Fig. 2(90)) is allocated to be displayed on the at least one first display unit, in which case it is possible to switch to the at least one second display unit in order to display the information when a first driving situation is determined (see [0026], switcher 84 selectively routes video signals to the display 24 and display 76).

As to **claim 23**, Pala discloses the optical display system as claimed in claim 22, wherein the information which can be displayed from the at least one vehicle subsystem (Fig. 1(116)) comprises a hazard warning, whereby the first driving situation can be determined by the evaluation and control unit when a hazard situation occurs (see [0026]).

As to **claim 24**, Pala discloses the optical display system as claimed in claim 22, wherein the at least one vehicle subsystem comprises a navigation system (see [0032]).

As to **claim 25**, Pala discloses the optical display system as claimed in claim 24, wherein the information displayed from the navigation system comprises complicated navigation information, whereby the first driving situation can be determined by the evaluation and control unit when a complicated navigation maneuver occurs (see [0032], when the door is opened).

As **claim 26**, Pala discloses the optical display system as claimed in claim 24, wherein the information which displayed from the navigation system comprises information for inputting destinations in the navigation system, whereby the first driving

situation can be determined by the evaluation and control unit during normal driving operation of the vehicle (see [0033], turn-by-turn navigation instructions).

As to **claim 27**, as it is understood in view of the above 112 problem, Pala discloses that information from at least one vehicle subsystem is allocated to be displayed on the at least one first display unit, whereby the information when a second driving situation is determined is additionally allocated to the at least one second display unit (see [0020], when the vehicle is parked).

As to **claim 28**, Pala discloses the optical display system as claimed in claim 27, wherein the second driving situation is determined by the evaluation and control unit when the vehicle is stationary (see [0020], when the vehicle is parked).

As to **claim 29**, Pala discloses the optical display system as claimed in claim 27, wherein the information from the at least one vehicle subsystem comprises moving images (Fig. 2(116, 117) are camera system, which comprises moving images).

As to **claim 30**, Pala discloses the optical display system as claimed in claim 27, wherein the vehicle subsystem is one of a television and video system, and an interface to the Internet (Fig. 2(88, 70, 86)).

As to **claim 31**, Pala discloses the optical display system as claimed in claim 17, wherein when switching between the display units, at least one of a display type and the scope of the displayed information can be varied (Fig. 2(24 and 76) are different type of display, 76 is installed in the instrument panel which the scope can be varied).

As to **claim 32**, Pala discloses the optical display system as claimed in claim 31, wherein the display type comprises at least one of the size and color and contrast and the representation (see [0026]).

As to **claim 33**, Pala discloses the optical display system as claimed in claim 18, further comprising an evaluation and control unit (Fig. 2(84)), which determines the current driving situation by evaluation of data from at least one vehicle subsystem (Fig. 2(90)).

As to **claim 34**, Pala discloses the optical display system as claimed in claim 18, wherein the at least one first display unit is arranged outside the central field of view of the driver (Fig. 1(24b) is not in the view of the driver).

As to **claim 35**, Pala discloses the optical display system as claimed in claim 18, wherein the at least one second display unit is arranged within the central field of view of the driver (Fig. 1(76) is installed in the instrument panel).

As to **claim 36**, Pala discloses the optical display system as claimed in claim 19, wherein the at least one second display unit is arranged within the central field of view of the driver (Fig. 1(76) is installed in the instrument panel).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to YUK CHOW whose telephone number is (571)270-1544. The examiner can normally be reached on 8-6 M-TH E.T..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Quan-Zhen Wang can be reached on (571) 272-3114. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Y. C./
Examiner, Art Unit 2629

/Quan-Zhen Wang/
Supervisory Patent Examiner, Art Unit 2629